



Volume 2, Issue 3

Cost Data Support Group (CDSG)

What's Inside

- **What's New in CADE?**
- **DoD Policy & Guidance**
- **CADE Training**
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Welcome!

In our last issue, we highlighted multiple, new features that were added in CADE! First, the updated FlexFile & Quantity Data Report Implementation Guide provides greater insight into the planning and reporting of cost and quantity data. Second, the CADE CSDR Submission export to the Portal Dashboard Tile now allows Government analysts to export metadata for all assigned CSDR submissions. Finally, the CSDR Browse capabilities were expanded to allow searching by Weapon System Type at the contract level, as well as an option to export large amounts of CSDR data in .csv option exporting large amounts in CSDR browse.

The Cost Data Support Group (CDSG) remains dedicated to delivering high quality and reliable support to our government and industry stakeholders!

In this issue, we will highlight some new features that have been added to the system, such as:

- CSDR Browse Bulk Data Export (Beta)
- CADE D&A Pre-Defined Bulk Downloads for Service & Commodity
- New SRDR Development, Maintenance and ERP forms
- Launch of the CADE Webinars Page

We are excited to share these new features and training opportunities with you and look forward to hearing your feedback

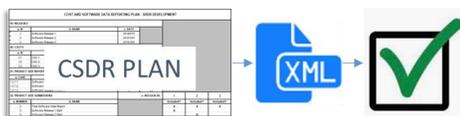
- The CADE Team

What's New in CADE?

SRDR Roll Out

The new DRAFT SRDR Development, Maintenance and Enterprise Resource Planning (ERP) forms and new version of cPet Desktop are now available on the CADE Public site (<https://cade.osd.mil/tools/csd-r-tools>). cPet Version 2.8 has incorporated new features to generate the new SRDR forms from the CSDR Plan, validate the forms for compliance with the format and the CSDR Plan, and preview the export format that will be used by the government reviewers to perform bulk exports of the SRDR data. The updates to the form do not change the Data Item Description (DID) requirements. Rather, the forms have been updated to ensure machine-to-machine compatibility for database ingestion, similar to the 1921's and FlexFile & Quantity Data Reports. Industry Data Preparers and Submitters are encouraged to use the new forms for their SRDR submissions, and the CADE Help Desk and DCARC teams are standing by to support any questions. The CADE Webinar Series is already educating the community on the new forms, the cPet features, as well as the database and export capabilities.

cPet XML Creation & Validation



- CTR Generates XLS Template based on CSDR Plan
- Complete SRDR Submission & Convert to XML
- Review SURF Validation Results

CSDR SUBMIT-REVIEW CTR Upload, Database Ingestion & SURF Validation



- CTR Uploads SRDR XML files against required submission event
- XML data gets parsed into CSDR database
- cPet Validation Error Report is generated
- DCARC & SURF review XLS exports and errors
- Submission is Accepted or Rejected

DATA & ANALYTICS Analyst Search & Export



- Accepted SRDR submissions are available in Data & Analytics
- Analysts search and select submissions for bulk download
- Analysts retrieve XLS exports for analysis

NEW CCDR Bulk Export (Beta)

The CADE Team has continued development of the new CCDR export that will replace the existing CCDR exports available in Data & Analytics and the CSDR Submit-Review applications. The new CCDR data export will encapsulate all CCDR data, across 1921 and FlexFiles, in an accurate, consistent, and usable manner with the goal of improving the efficiency and download time of exports to support analysis. Analysts can now access the beta test version of the new CCDR export in Data & Analytics by going to CSDR Browse, Reports tab and selecting the Bulk Data Export (Beta) option.

Why we are changing the CCDR Bulk Export to correct the following issues:

- **Inconsistency:** Data exports in various applications are inconsistent from one another in significant and arbitrary ways, making it difficult for analysts to reliably ingest them into their analytical tools.
- **Summary data:** It is impossible to get a flat file with only 1921 data with the existing export. In addition 1921 summary data is interleaved with 1921-1 detailed data, creating confusion.
- **FlexFiles:** FlexFile & Quantity (FF/Q) data are interleaved with legacy data in the current exports. This causes confusion between 1921-1 data without making sure all relevant aspects of the FF/Q files are represented (unit cost, remarks + dictionary entries, summary level data, etc).
- **2003 formatted data:** The additional Reporting CTR/Subcontractor/Total breakout is in the 2003 format 1921-1s is not included in the current exports, obscuring that additional detail.
- **Metadata:** It is not clear what metadata fields are from the CADE system, and which are fields typed in by the contractor upon submission.
- **Accuracy:** The current formats “flatten” the data into a single table (1921 with 1921-1, one item of data per row, different kinds of data interleaved, etc.) which is efficient but does not reflect the the data as it was submitted, potentially causing misuse.

The new CCDR export addresses all of these issues. The graphics below help to provide some additional clarity on the changes.

1 METADATA
All report header & CADE metadata provided for reference and for finding the report(s) again as needed.

2 TRACEABILITY
1921 data is present and clearly traceable as 1921 data to include summary elements

3 LEGACY & FLEXFILE
Legacy & FlexFile data interleaved and clearly identified. 2003 data now has it's own tab

Report Metadata:

Report Name	Forms	Version	Filename(s)	Report ID	Submission ID	Program Name	Model	Contract Number	Task Name
Lot 2	FlexFile, Quantity	1.0	Reports-4401,5_Fl_4402	10233		CDSS - cPet Demonstration Sp CDSS 2.2		A99XYZ-08-B-1234	Production of CDS

Traceability Data:

WBS Code	WBS Element Name	WBS Element Conc	TD Qty	TD NR \$k	TD Rec \$k	TD Tot \$k	AC Qty	AC NR \$k	AC Rec \$k	AC Tot \$k	FCA available?	Unit Cost available?	Report Remarks	Definitions (P)
K.9	TOTAL	1.0	4	3,257,500.7	5,658,200.7	8,915,701.4	5	3,255,825.5	5,659,875.9	8,915,701.4	Y		These remarks	into This is a space system

Legacy & Flexfile Data:

Report ID	Report Name	CADE Submission	CADE Program Name	CADE Contract Number	CADE Task Name	CADE Type	CADE Contractor	CADE Reporting Contractor	CADE Submission Event	Report As Of	Report Date	Report Type	Report Version	WBS Element Code
18824	Test2003	69114	Example	XYZ-09-C-1234	ANOTHER ONE	Prime	DCARC Corp	2023 Annual Re	10/21/2003	1921	2003	1.2.3.2.1	2003	1.2.3.2.1
18800	Lot 1	66531	JTRS GMR - Joi	DAAB07-02-C-CJTRS GMR LRIP	Sub	BAE Systems	Preliminary De	6/30/2018	FlexFile, Quant	1.0	1.1	2.1.1.1.3.3	2007/2011	2.1.1.1.3.3.1

Analyst can now access the beta test version of the new CCDR export in Data & Analytics by going to CSDR Browse, Reports tab and selecting the Bulk Data Export (Beta) option.

CSDR Browse

Keywords: Include Legacy Submissions Include WBS Elements

Report Type Category:

Submissions (19) | **CCDR Reports (9)** | SRDR Data

Report Name	Program	Model	Contract Task	As Of	Contract Number	Pri/Sub	Reporting Contractor	Submission Event	Report Type	Report Cycle
test	Example		XX	8/31/2009	N0000-00-N-0000	Prime	TBD	Test Submission	1921, 1921-1	
Julie's Report	Example		XX	8/31/2009	N0000-00-N-0000	Prime	TBD	Test Submission	1921, 1921-1	
CADE 20.7 Test	Example	1921-S EDIT	Example Submitter Guide Test	6/29/2018	N0000-00-N-0000	Sub	TBD	FY 17 Interim Report	1921, 1921-1	Inte...
Preliminary Design Review (PDR)	Example	Example Test (Update)	Example Test	9/7/2018	XYZ-09-C-1234	Prime	TBD	Preliminary Design Review (PDR)	1921, 1921-1	Inte...
Prototype and Demo Unit	Example	NEW MODEL	Test	8/5/2020	XYZ-09-C-1235	Prime	DCARC Test	FlexFile & Quantity Delivery	1921-FF, 1921-Q	Initial
Regression Test	Example	20.6 EDIT	Test Task	4/30/2020	N0000-00-N-0000	Prime	TBD	Test 1921 Series	1921, 1921-1	Inte...
Mk21 Fuse System Integration	Example	updated model	Test Task	4/30/2020	N0000-00-N-0000	Prime	TBD	Test FlexFile and Quantity Data	1921-FF, 1921-Q	Initial
20.13 Testing	Example	Test EDITED	Prime Contract Plan	8/11/2020	XYZ-09-C-1234	Prime	TBD	Wildcard Report Request	1921, 1921-1, 1921-Q	Inte...
test	Example	EDIT	1921-S Test	4/1/2021	N0000-00-N-0000	Sub	TBD	Critical Design Review (CDR)	1921, Other	Inte...

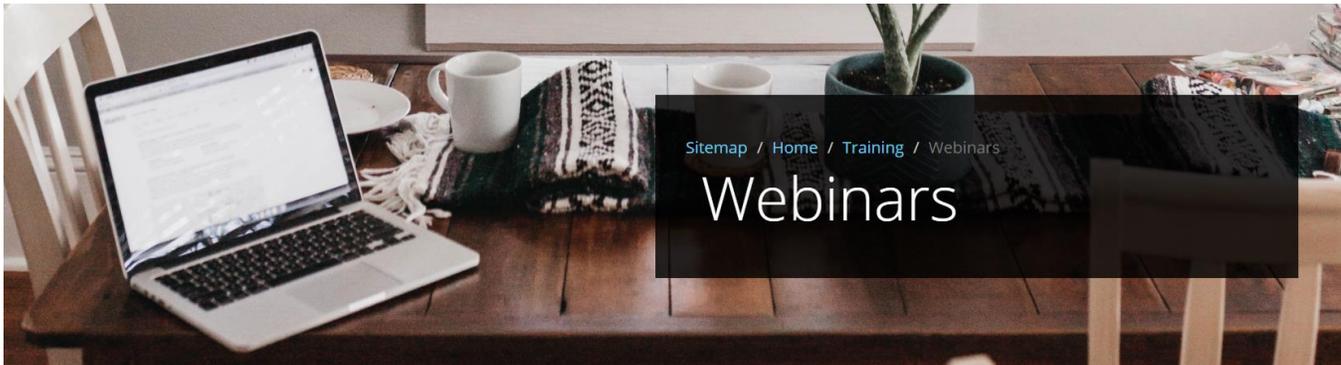
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[Bulk Data Export](#) | **[Bulk Data Export \(Beta\)](#)** | [Export Metadata](#)

The CADE Team values your input on the new export! Please feel free to provide feedback directly to us at CADESUPPORT@tecolote.com.

Launch of the CADE Webinars Page

<https://cade.osd.mil/support/webinars>



Starting in 2021, the CADE Support team has put on live webinars bi-weekly on CSDR policy, common questions, and tips to fully utilize CADE for each user community (industry, government, analysts, and planners/reviewers). These webinars are an additional educational tool to the CADE LMS online training courses with the goal of introducing new CADE features and facilitating real-time Q&A on specific topics. They provide detailed instruction on topics such as creating cost reports, submitting them into CADE, reviewing them, or browsing the data.

For upcoming webinars, please see the [CADE Events Calendar](#) page. To register for one or more, see the Training Events page and click the “Register for CADE Training Events” button. Once you are registered, you will be sent a calendar invitation for each webinar shortly before it occurs. Webinars are hosted via GovZoom to accommodate both government and industry CADE users.

Webinar topics are informed by the most common questions and concerns submitted to the CADE Support Team. If you have suggestions for future webinar topics, please contact [CADE Support](#) to provide your feedback.

Upcoming Webinar Series:

Wednesday, October 13

3:00pm

CADE Webinar Series: Updated SRDR Forms

Wednesday, October 20

3:00pm

CADE Webinar Series: Submitting SRDRs

Wednesday, October 27

3:00pm

CADE Webinar Series: Submitting in CADE

Wednesday, November 10

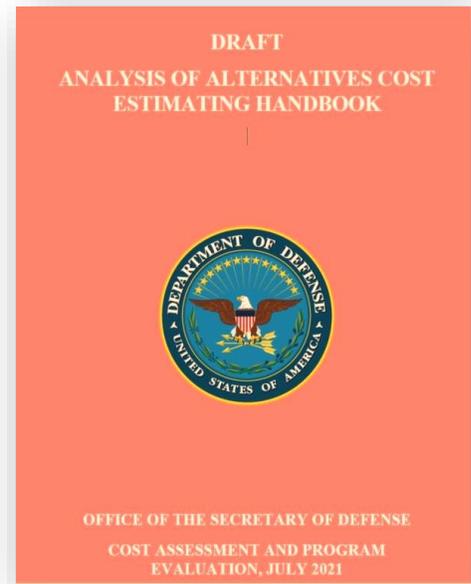
3:00pm

CADE Webinar Series: Submitting SRDRs

DoD Policy & Guidance

AoA Cost Estimating Handbook

The Analysis OF Alternatives (AOA) Cost Estimating Handbook is focused on best practices, analytic methods, and data collection for cost analysis prepared in support of AoAs within the Department of Defense. This handbook was prepared by the Office of the Secretary of Defense (OSD) Director of Cost Assessment and Program Evaluation (DCAPE) for use by Office of the Secretary of Defense (OSD), the Military Departments, the Office of the Chairman of the Joint Chiefs of Staff and the Joint Staff, the Combatant Commands, the Office of the Inspector General of the Department of Defense, the Defense Agencies, the DoD Field Activities, and all other organizational entities within the DoD (referred to collectively in this handbook as the “DoD Components”) in developing life-cycle cost estimates in support of AoAs.



- [AoA Cost Handbook-CADE Draft.docx \(8/6/2021\)](#) - AoA Cost Estimating Handbook

CADE Training

CADE Academy Training Series - Train... Don't Strain!!

Register Today!



The CADE Training Team is conducting its CADE Academy Series: CADE 101, FLEX FILE 101, CADE 201 and CADE for PMs and KOs Course Virtually!

If you or any of your colleagues are interested in registering for future CADE Training and Outreach events, or accessing any of our online training, please visit <https://cade.osd.mil/support>. There is a wealth of resources on FlexFiles and other

initiatives on our CADE website as well.

We continue to maximize participant engagement (live polling, screen sharing guided examples, gaming, dialogue, etc.) throughout the training. We have DCARC Analysts available during the training to address any program-specific questions since they have a working relationship with your analysts.

If you have a CADE Learn (Bridge LMS) account, you can REGISTER for this and all of our LIVE training under MY LEARNING – TRAINING CALENDAR at <https://cade.bridgeapp.com>.

No CADE Learn (Bridge) account? Sign up for an account here (https://survey.az1.qualtrics.com/jfe/form/SV_6igQqlkXPp9xuaF)

Secondarily, you can also sign up for Live (Virtual) Training Events on the CADE Public Site:

<https://cade.osd.mil/support>

As we continue to develop the platform and add courses, you may receive an occasional email notifying you that you've been enrolled in a new course. Bridge will also organize and track your learning and you will automatically receive certificates granting continuous learning points (CLPs)/ FM Certification points for any completed programs.

CADE Training Virtual Courses

Registration: <https://cade.osd.mil/support>

CADE 101 - Fundamentals of CADE

CADE 101 describes the purpose of Cost and Software Data Reporting (CSDR) and basic types of data contained in CSDRs. It also elaborates on the policy and guidance documents for CSDR across all Acquisition Pathways. It also recognizes the responsibilities and actions required to navigate the CADE Portal to conduct an analysis of programmatic, cost, schedule, and software data for a program

Course Dates: 24 August 2021 (1pm-3:30pm EDT), 8 December 2021 (1:00pm-3:30pm EST)

FlexFile 101 - Fundamentals of the FlexFile

FlexFile 101 covers how the Cost and Hour Report “FlexFile” initiative was derived, what the FlexFile DID requirements entail, and the current implementation plan. It also provides an opportunity for hands-on exploration of a FlexFile data set, using tools to make it more manageable. The FlexFile improves data quality through providing access to native cost data at a level at or below the WBS on the approved CSDR plan. This provides detailed insight an analysis flexibility to view how the contractor incurs cost at the account or work package level.

Course Dates: 26 August 2021 (1pm-3:30pm EDT), 11 January 2022 (1:00pm-3:30pm EST)

CADE 201: CADE Intermediate

CADE 201 instills confidence in analysts to plan for, access, and analyze the new generation of CADE data. Lessons include:

- **CSDR Planning:** Use the latest DD Form 2794 to plan effectively for not just FlexFiles but the full suite of CSDR data. Learn how to save time with Plan Standards and tailor reporting requirements to your program for maximum efficiency.
- **CSDR Implementation:** Use the Resource Distribution Table (RDT) to get the “big picture” for CSDR, and learn the mechanisms to flow down reporting requirements to subcontractors and government entities alike. Use the Post-Award Conference (PAC) to establish consensus up front and ensure that subsequent CSDR submissions are validated quickly and painlessly.

- **CADE Data Access:** Use Browse CSDR Submissions and Cross-Report CCDR Query to quickly locate the data you need and bulk-export it to an analysis-ready flat file. Gain practice with all four FlexFile download options.
- **FlexFile Insights and Updates:** Conduct hands-on analysis of sample FlexFile data to understand insight to be gained, including the new “Big Three” of time phasing, account-level detail, and contractor functional categories.

Course Dates: 1 September 2021 (1pm-3:30pm EDT), 2 February 2022 (1pm-3:30pm EDT)

CADE for the Contracting Community:

This short virtual course discusses how the CSDRs in CADE can be used as authoritative “other than certified cost and pricing data” in price analysis, cost analysis, and cost realism analysis. Students will learn what the data comprises, how to access it, and what their responsibilities to put CSDR CDRLs on contract. We will address how CADE helps meet contracting community objectives of justifying a fair and reasonable price, efficiently analyzing proposals, and gaining leverage in negotiations. This course is recommended not just for contracting officers but also contract specialists and cost and price analysts.

Course Date: 4 November 2021 (1:00pm-3:30pm EDT), 2 March 2022 (1:00pm-3:30pm EDT)

CADE for Program Managers:

This virtual course discusses how the CSDRs in CADE can be used to inform crucial decisions about system design and program acquisition across the life cycle. Students will learn what the data comprises, how to access it, and what their responsibilities to put CSDR CDRLs on contract. We will address how CADE helps meet the acquisition community objective of fielding and supporting capable and affordable systems for the warfighter in a timely manner. This course is recommended not just for program managers but all those playing key program office roles such as systems engineering, budget and finance, and logistics.

Course Date: 21 October 2021 (12:00pm-13:30pm EDT)

CADE Cost and Technical Focus Group:

The Virtual Focus Group promotes discussion amongst key individuals within the cost community in order to gain insight into their views and experiences related to the OSD CAPE Initiatives. CAPE will draw upon participants' experiences and reactions in a way that would not be feasible using other methods. This two-day event will provide updates on the FlexFile initiative, policy updates, IT applications, as well as COVID-19 cost reporting implications. There will be a series of Industry and Government panels to address specific topics and concerns across the community. Following each panel there will be a community feedback forum to collectively discuss and collaborate in order to formulate solutions and mitigation approaches for the aforementioned concerns. We are encouraging broad participation from both Government and Industry, across the cost and systems engineering communities.

Course Date: 19-20 October 2021

We look forward to seeing you at our upcoming events! If you have any questions, please contact CADE Training Team Lead Mr. Torri Preston, Torri.R.Preston.CTR@mail.mil

V/R,

CADE Training Team

Introducing the FAQs Page

<https://cade.osd.mil/policy/FAQs>



Frequently Asked Questions

Q: Dealing with CSDR requirements on a contract for the first time? Working with vendors who have not done CSDR reporting before?

A: See the FAQ page <https://cade.osd.mil/policy/FAQs> for specifics on how CSDR policy applies to your specific contract or program, how to deal with prime/sub proprietary data concerns, and more.

Contact Us

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